

## Recombinant Mouse Stat6 Protein, Myc/DDK-tagged

Cat. No. Stat6-6174M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length signal transducer and activator of transcription 6 (Stat6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-837 aa
<b>Description</b>	Carries out a dual function: signal transduction and activation of transcription. Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.
<b>Molecular Mass</b>	93.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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**GENE INFORMATION**

<b>Gene Name</b>	Stat6 signal transducer and activator of transcription 6 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Stat6
<b>Synonyms</b>	STAT6; signal transducer and activator of transcription 6; signal transducer and transcription activator 6
<b>Gene ID</b>	20852
<b>mRNA Refseq</b>	NM_009284
<b>Protein Refseq</b>	NP_033310
<b>UniProt ID</b>	P52633

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